

SQ-3160
SQ-3160

ASHLU RIVER 33.7km

2020 Inspection

CBR iPad Offline Ver 0.33



CBR Data

Latitude	Longitude
49°54'55.8"	-123°17'59.7"
Crossing Name	Squamish River Side Channel
FSR #	9160
Branch #	2
Road Name	ASHLU RIVER
User km	33.7
Previous Load Rating (tonnes)	136
Structure Class	Permanent Bridge
Portable	N
Superstructure	Steel I-beam
Deck Type	Concrete Composite
Abutment Left	Pile -Permanent Materials
Abutment Right	Pile -Permanent Materials
Spans	1
Total Length (m)	36.6
Deck Width (m)	4.9

Updated Data

Latitude	Longitude
49°54'55.56"	-123°17'59.19"
HD Diff. (m)	12.6
Accuracy (m)	5

Inspection

Date of Inspection 2020-09-08 2:10:32 PM

Inspector Name Gino Fournier

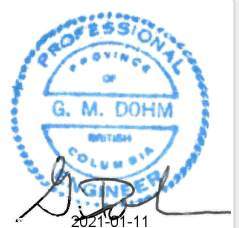
Inspector Comments Serial/ID Plate

Recommended Next Inspection Year

Inspection Company FLNRORD

P.Eng Comments

Load Rated by: MFLNRORD, Greg Dohm, PEng., Jan. 7, 2021
Load Rating: L150 or 136 tonnes
Next Inspection: 2023
Comments:



P.Eng Seal

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Approach

Alignment Good

Bridge Ahead Signs
Missing ☒ 0 ☐ 1 ☐ 2

Brushing Required Y

Delineator Missing
Left ☒ 0 ☐ 1 ☐ 2

Delineator Missing
Right ☒ 0 ☐ 1 ☐ 2

Fender Condition Good Noposts

Posted Load Rating 136

Road Surface Fair

Abutment

Log/Timber Cribs Poor Old cw crib to old road fill only.

Tie Backs Poor Old and rotting

Bin Wall N/A

Pier N/A

Concrete N/A

Caps or Sills N/A

Piles or Posts Fair

Ballast Wall Fair

Wing Wall Poor Part of box crib

Bracing N/A

Hardware N/A

Fill Fair

Riprap N/A

Bearings Fair

Corrosion Protection N/A

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Deck

Running Surface Good

Running Planks N/A

Sub Deck N/A

Ties N/A

Nails N/A

Deck to Girder Bolts N/A

Concrete Deck Good

Grout Pockets Good

Deck Joints Good

Steel Deck Plate N/A

Gravel Surface N/A

Curb Rail/Blocks/Posts Good Treated 12x12

Hand Rails/Walkouts N/A

Hardware N/A

Overall Deck Condition Good

Gravel Depth (mm) 0

Pier Deck N/A

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Steel/Concrete

Girders Fair

Diaphragms Fair

Bracing Fair

Under Trussing N/A

Hardware Fair

Welded/grouted
shear connectors N/A

Log

Log Curbs

Needle Beam

Needle Lashing/
Shimming

Needle Beam to Crib (m)

Needle Diameter (mm)

Stringer Number	Species	Peeled	Diameter (mm)	Rot Depth (mm)	Condition	Comment
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Hazards

Estimated Present Water Level Depth (m)	1.5	High Water	☐	Debris	☐
Estimated Present Water Level Width (m)	28	Aggradation	☐	Scour	☐
Estimated High Water Level Clearance (m)	2	Ice	☐		

Comments

Repairs and Monitoring

Repair Item	Repair Description
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1

2

3

4

5

6

7

Item

Monitor Description

Frequency

1

2

3



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Approach from Left Bank when facing downstream



Approach from Right Bank when facing downstream



Downstream from Crossing



Upstream from Crossing



Left Bank Abutment when facing downstream



Right Bank Abutment when facing downstream